

## CLAIMS

1 1. *(currently amended)* An image-transfer system (A1)  
 2 comprising:  
 3 an image-transfer device (25, 35) for converting between a digital  
 4 image and a hard-copy media image (61', 81);  
 5 a media-feeder (21, 31) for feeding media to said image-transfer  
 6 device;  
 7 a skew detector (23, 33) for detecting sheet-feed skew in said  
 8 media;  
 9 a memory (45) for storing said digital image; and  
 10 a controller (47) for applying digital skew compensation to said  
 11 digital image as a function of sheet-feed skew detected by said skew  
 12 detector, said function indicates raster line offsets as a function of  
 13 raster position, fractional raster-line offsets indicating interpolation  
 14 weights for neighboring pixels.

1 2. *(currently amended)* ~~A~~ An image-transfer system comprising:  
 2 an image-transfer device for converting between a digital image  
 3 and a hard-copy media image;  
 4 a media-feeder for feeding media to said image-transfer device;  
 5 a skew detector for detecting sheet-feed skew in said media;  
 6 a memory for storing said digital image, as recited in Claim 1  
 7 wherein said memory, at any given time, holds holding less than  
 8 half the data associated with said digital image; and  
 9 a controller for applying digital skew compensation to said  
 10 digital image as a function of sheet-feed skew detected by said skew  
 11 detector.

1 3. *(currently amended)* A system as recited in Claim 1-2 wherein  
 2 said digital image data is transferred from said image-transfer  
 3 device (35) to said memory.

1 4. *(currently amended)* A system as recited in Claim 1-2 wherein  
2 said compensated digital image data is transferred to said image-  
3 transfer device (25).

1 5. *(cancelled)*

1 6. *(cancelled)*

1 7. *(currently amended)* A media transfer method comprising the  
2 steps of:

3 feeding sheet media to a image-transfer device;

4 detecting media skew in said media as it is fed to said image-  
5 transfer device;

6 transferring between a hard-copy image and a digital image  
7 stored in digital memory; and

8 digitally skewing said digital image as a function of said media  
9 skew, said function indicating raster line offsets as a function of  
10 raster position, fractional raster-line offsets indicating interpolation  
11 weights for neighboring pixels.

1 8. *(currently amended)* A media transfer method as recited in  
2 Claim 7 wherein comprising:

3 feeding sheet media to an image-transfer device;

4 detecting media skew in said media as it is fed to said image-  
5 transfer device;

6 transferring between a hard-copy image and a digital image  
7 stored in digital memory so that less than half of said digital image  
8 is stored in said digital memory at any given time; and

9 digitally skewing said digital image as a function of said media  
10 skew.

1        9. *(currently amended)* A method as recited in Claim 7-8  
2 wherein said digitally skewing step occurs after said transferring  
3 step.

1        10. *(currently amended)* A method as recited in Claim 7-8  
2 wherein said digitally skewing step occurs before said transferring  
3 step.

1        11. *(cancelled)*

1        12. *(cancelled)*

- 1 13. (*new*) A scanning system comprising:  
2 a media-feeder for conveying sheet media bearing a hard-copy  
3 image;  
4 a skew detector for detecting skew in said sheet media;  
5 a scanning device for generating said digital image by scanning said  
6 hard-copy image; and  
7 a controller for correcting said digital image as a function of said  
8 skew.
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